

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/516,766

Source: PT

Date Processed by STIC: 3/29/06

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PCT

RAW SEQUENCE LISTING

DATE: 03/29/2006

PATENT APPLICATION: US/10/516,766

TIME: 09:32:52

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3 <110> APPLICANT: Pastan, Ira H.
4   Nagata, Satoshi
5   Onda, Masanori
6   Numata, Yoshito
7   Santora, Kenneth
8   Beers, Richard
9   Kreitman, Robert
10  Sinha, Abhishek
11  The Government of the United States of America
12  as represented by The Secretary of the
13  Department of Health and Human Services
15 <120> TITLE OF INVENTION: Anti-CD30 Stalk and Anti-CD30 Antibodies Suitable for
16   Use in Immunotoxins
18 <130> FILE REFERENCE: 015280-464200US
20 <140> CURRENT APPLICATION NUMBER: US 10/516,766
21 <141> CURRENT FILING DATE: 2004-12-03
23 <150> PRIOR APPLICATION NUMBER: US 60/387,293
24 <151> PRIOR FILING DATE: 2002-06-07
26 <150> PRIOR APPLICATION NUMBER: US 60/411,032
27 <151> PRIOR FILING DATE: 2002-09-16
29 <150> PRIOR APPLICATION NUMBER: WO PCT/US03/18373
30 <151> PRIOR FILING DATE: 2003-06-09
32 <160> NUMBER OF SEQ ID NOS: 41
34 <170> SOFTWARE: PatentIn Ver. 2.1
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56           20           25           30
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59       35       40       45
61 Gly Met Ile Trp Gly Val Glu Asn Thr Asp Tyr Asn Ser Ala Leu Lys
62       50       55       60

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64 Ser Arg Leu Ser Ile Ser Lys Asp Asn Ser Lys Ser Gln Val Phe Leu
65 65 70 75 80
67 Lys Met Asn Ser Leu Gln Ser Asp Asp Thr Ala Met Tyr Tyr Cys Ala
68 85 90 95
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93 Trp Met Asn Trp Met Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
94 35 40 45
96 Gly Gln Ile Tyr Pro Gly Asp Asp Asp Thr Asn Tyr Asn Gly Lys Phe
97 50 55 60
99 Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser Thr Ala Tyr
100 65 70 75 80
102 Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe Cys
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128 Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
129 35 40 45
131 Gly Tyr Ile Asn Pro Ser Thr Gly Tyr Thr Asp Tyr Asn Glu Lys Phe
132 50 55 60
134 Lys Asp Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser Thr Ala Tyr

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135 65              70              75              80
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163 Tyr Met Tyr Trp Val Arg Gln Thr Pro Glu Lys Arg Leu Glu Trp Val
164              35              40              45
166 Ala Ser Ile Ser Ser Gly Gly Ser Tyr Thr Tyr Tyr Ser Asp Ser Val
167              50              55              60
169 Lys Gly Arg Leu Thr Ile Ser Arg Asp Asn Thr Lys Asn Asn Leu Tyr
170 65              70              75              80
172 Leu Gln Met Ser Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys
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196              20              25              30
198 Trp Ile Asp Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
199              35              40              45
201 Gly Asn Ile Tyr Pro Ser Asn Ala Tyr Thr Asn Tyr Asn Gln Lys Phe
202              50              55              60
204 Lys Asp Lys Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
205 65              70              75              80

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231                20                25                30
233 Gly Val Gly Val Gly Trp Ile Arg Gln Pro Ser Gly Lys Gly Leu Glu
234                35                40                45
236 Trp Leu Ala His Ile Trp Trp Asp Asp Asp Glu Arg Tyr Asn Pro Val
237                50                55                60
239 Leu Lys Ser Arg Leu Thr Ile Ser Lys Asp Thr Ser Ser Asn Gln Val
240 65                70                75                80
242 Phe Leu Lys Ile Ala Asn Val Asp Thr Ala Asp Ser Ala Thr Tyr Tyr
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268 Tyr Met Asn Trp Val Arg Gln Pro Pro Gly Lys Ala Leu Glu Trp Leu
269                35                40                45
271 Gly Phe Ile Arg Asn Lys Ala Asn Gly Tyr Thr Thr Glu Phe Ser Ala
272                50                55                60
274 Ser Val Met Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Gln Ser Ile
275 65                70                75                80
277 Leu Tyr Leu Gln Met Asn Thr Leu Arg Ala Glu Asp Ser Ala Thr Tyr

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278              85              90              95
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303 Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
304              35              40              45
306 Gly Asn Ile Asn Pro Ser Asn Gly Gly Thr Asn Tyr Asn Glu Lys Phe
307              50              55              60
309 Lys Ser Lys Ala Thr Leu Thr Ile Asp Lys Ser Ser Ser Thr Ala Tyr
310 65              70              75              80
312 Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
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338 Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
339              35              40              45
341 Gly Tyr Ile Asn Pro Asn Thr Ala Tyr Thr Asp Tyr Asn Gln Lys Phe
342              50              55              60
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345 65              70              75              80
347 Met Gln Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
348              85              90              95

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